

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Robert A. Hasenbein et al.      Art Unit : Unknown  
 Serial No. : 10/800,467      Examiner : Unknown  
 Filed : March 15, 2004  
 Title : HIGH FREQUENCY DROPLET EJECTION DEVICE AND METHOD

**MAIL STOP AMENDMENT**

Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Applicants request consideration of the references listed on the attached PTO-1449 form. Under 37 C.F.R. § 1.98 (a)(2)(ii), only copies of foreign patent documents and/or non-patent literature are enclosed. Copies of any listed U.S. patents or U.S. patent application publications can be provided upon request.

This statement is being filed within three months of the filing date of the application or before the receipt of a first Office Action on the merits. Please apply any charges or credits to Deposit Account No. 06-1050.

**CERTIFICATE OF MAILING BY FIRST CLASS MAIL**

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Page : 2 of 2

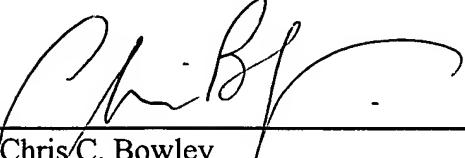
Attorney's Docket No.: 09991-123001

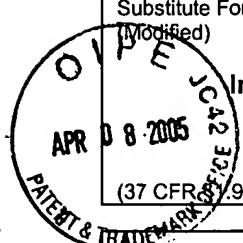
Date: 4/6/2005

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Respectfully submitted,

  
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Substitute Form PTO-1449 (Modified)		U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 09991-123001	Application No. 10/800,467
<b>Information Disclosure Statement</b> <b>by Applicant</b> <small>(Use several sheets if necessary)</small> <small>(37 CFR § 1.98(b))</small>		Applicant	Robert A. Hasenbein et al.	
		Filing Date	March 15, 2004	
<b>U.S. Patent Documents</b>				

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	2001/0002836	06/07/01	Tanaka et al.			
	AB	2001/0022596	09/20/01	Korol			
	AC	2001/0026294	10/04/01	Takahashi			
	AD	2001/0043241	11/22/01	Takahashi et al.			
	AE	2002/0018082	02/14/02	Hosono et al.			
	AF	2002/0018083	02/14/02	Sayama			
	AG	2002/0018085	02/14/02	Asauchi et al.			
	AH	2002/0024546	02/28/02	Chang			
	AI	2002/0033644	03/21/02	Takamura et al.			
	AJ	2002/0033852	03/21/02	Chang			
	AK	2002/0036666	03/28/02	Taki			
	AL	2002/0036669	03/28/02	Hosono et al.			
	AM	2002/0041315	04/11/02	Kubota et al.			
	AN	2002/0054311	05/09/02	Kubo			
	AO	2002/0057303	05/16/02	Takahashi et al.			
	AP	2002/0070992	06/13/02	Fukano			
	AQ	2002/0080202	06/27/02	Sekiguchi			
	AR	2002/0089558	07/11/02	Suzuki et al.			
	AS	2002/0101464	08/01/02	Iriguchi			
	AT	2002/0122085	09/05/02	Chaug			
	AU	2002/0145637	10/10/02	Umeda et al.			
	AV	2002/0158926	10/31/02	Fukano			
	AW	2002/0167559	11/14/02	Hosono et al.			
	AX	2003/0016275	01/23/03	Jeanmaire et al.			
	AY	2003/0067500	04/10/03	Fujimura et al.			
	AZ	2003/0071869	04/17/30	Baba et al.			
	AAA	2003/0081025	05/01/03	Yonekubo			

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EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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U.S. Patent Documents							
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	ABB	2003/0081040	05/01/03	Therien et al.			
	ACC	2003/0103095	06/05/03	Imai			
	ADD	2003/0107617	06/12/03	Okuda			
	AEE	2003/0112297	06/19/03	Hiratsuka et al.			
	AFF	2003/0117465	06/26/03	Chwalek et al.			
	AGG	2003/0122885	07/03/03	Kobayashi			
	AHH	2003/0122888	07/03/03	Baba			
	AII	2003/0122899	07/03/03	Okuda			
	AJJ	2003/0156157	08/21/03	Suzuki et al.			
	AKK	2003/0227497	12/11/03	Tamura			
	ALL	4266232	05/05/83	Juliana et al.			
	AMM	4396923	08/02/83	Noda			
	ANN	4510503	04/09/85	Paranjpe et al.			
	AOO	4639735	01/27/87	Yamamoto et al.			
	APP	4695852	09/22/87	Scardovi			
	AQQ	4714935	12/22/87	Yamamoto et al.			
	ARR	4717927	01/05/88	Sato			
	ASS	4769653	09/06/88	Shimoda			
	ATT	4972211	11/20/90	Aoki			
	AUU	5023625	06/11/91	Bares et al.			
	AVV	5109233	04/28/92	Nishikawa			
	AWW	5124722	06/23/92	Moriyama et al.			
	AXX	5172134	12/15/92	Kishida et al.			
	AYY	5172141	12/15/92	Moriyama			
	AZZ	5173717	12/22/92	Kishida et al.			
	AAAA	5204695	04/20/93	Tokunaga et al.			
	ABBB	5221931	06/22/93	Moriyama			

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Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	If Appropriate
	ACCC	5223937	06/29/93	Moriguchi et al.			
	ADDD	5264865	11/23/93	Shimoda et al.			
	EEEE	5280310	01/18/94	Otsuka et al.			
	FFFF	5285215	02/08/94	Liker			
	AGGG	5298923	03/29/94	Tokunaga et al.			
	AHHH	5305024	04/19/94	Moriguchi et al.			
	AIII	5353051	10/04/94	Katayama et al.			
	AJJJ	5354135	10/11/94	Sakagami et al.			
	AKKK	5371520	12/06/94	Kubota			
	ALLL	5438350	08/01/95	Kerry			
	AMMM	5463416	10/31/95	Paton et al.			
	ANNN	5466985	11/14/95	Suzuki			
	AOOO	5477246	12/19/95	Hirabayashi et al.			
	APPP	5510816	04/23/96	Hosono et al.			
	AQQQ	5552809	09/03/96	Hosono et al.			
	ARRR	5576743	11/19/96	Momose et al.			
	ASSS	5594476	01/14/97	Tokunaga et al.			
	ATTT	5631675	05/20/97	Futagawa			
	AUUU	5736993	04/07/98	Regimbal et al.			
	AVVV	5739828	04/14/98	Moriyama et al.			
	AWWW	5821953	10/13/98	Nakano et al.			
	AXXX	5975667	11/02/99	Moriguchi et al.			
	YYYY	5980015	11/09/99	Saruta			
	AZZZ	5988785	11/23/99	Katayama			
	AAAAA	5997123	12/07/99	Takekoshi et al.			
	BBBBB	6007174	12/28/99	Hirabayashi et al.			
	ACCCC	6029896	02/29/00	Self et al.			

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**U.S. Patent Documents**

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	ADDDD	6046822	04/04/00	Wen et al.			
	AEEEE	6059394	05/09/00	Moriyama			
	AFFFF	6074033	06/13/00	Sayama et al.			
	AGGGG	6086189	07/11/00	Hosono et al.			
	AHHHH	6089690	07/18/00	Hotomi			
	AIIII	6092886	07/25/00	Hosono			
	AJJJJ	6095630	08/01/00	Horii et al.			
	AKKKK	6106091	08/22/00	Osawa et al.			
	ALLLL	6106092	08/22/00	Norigoe et al.			
	AMMMM	6113209	09/05/00	Nitta et al.			
	ANNNN	6123405	09/26/00	Temple et al.			
	AOOOO	6126263	10/03/00	Hotomi et al.			
	APPPP	6149259	11/21/00	Otsuka et al.			
	AQQQQ	6151050	11/21/00	Hosono et al.			
	ARRRR	6155671	12/05/00	Fukumoto et al.			
	ASSSS	6174038	01/16/01	Nakazawa et al.			
	ATTTT	6186610	02/13/01	Kocher et al.			
	AUUUU	6193343	02/27/01	Norigoe et al.			
	AVVVV	6217141	04/17/01	Nakamura et al.			
	AWWWW	6217159	04/17/01	Morikoshi et al.			
	AXXXX	6231151	05/15/01	Hotomi et al.			
	AYYYY	6254213	07/03/01	Ishikawa			
	AZZZZ	6257689	07/10/01	Yonekubo			
	AAAAAA	6260741	07/17/01	Pham-Van-Diep et al.			
	BBBBBB	6270179	08/07/01	Nou			
	ACCCCC	6273538	08/14/01	Mitsuhashi et al.			
	ADDDDD	6276774	08/21/01	Moghadam et al.			

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Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AEEEEEE	6283568	09/04/01	Horii et al.			
	AFFFFF	6283569	09/04/01	Otsuka et al.			
	AGGGGC	6290315	09/18/01	Sayama			
	AHHHHH	6290317	09/18/01	Hotomi			
	AIIIII	6293639	09/25/01	Isamoto			
	AJJJJJ	6296340	10/02/01	Tajika et al.			
	AKKKKK	6293642	09/25/01	Sano			
	ALLLLL	6299272	10/09/01	Baket et al.			
	AMMMMI	6305773	10/23/01	Burr et al.			
	ANNNNN	6312076	11/06/01	Taki et al.			
	AOOOOC	6328395	12/11/01	Kitahara et al.			
	APPPPP	6328397	12/11/01	Shimizu et al.			
	AQQQQC	6328398	12/11/01	Chang			
	ARRRRR	6328399	12/11/01	Wen			
	ASSSSS	6328402	12/11/01	Hotomi			
	ATTTTT	6331040	12/18/01	Yonekubo et al.			
	AUUUUU	6338542	01/15/02	Fujimori			
	AVVVVV	6350003	02/26/02	Ishikawa			
	WWWWWW	6352328	03/05/02	Wen et al.			
	AXXXXX	6352330	03/05/02	Lubinsky et al.			
	YYYYYY	6352335	03/05/02	Koyama et al.			
	AZZZZZ	6354686	03/12/02	Tanaka et al.			
	AAAAAA	6357846	03/19/02	Kitahara			
	BBBBBB	6364444	04/02/02	Ota			
	CCCCCC	6371587	04/16/02	Chang			
	DDDDDD	6378971	04/30/02	Akiyama et al.			
	EEEEEE	6378973	04/30/02	Kubota et al.			

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	AFFFFFR	6382753	05/07/02	Teramae et al.			
	AGGGGGG	6382754	05/07/02	Morikoshi et al.			
	AHHHHHH	6386664	05/14/02	Hosono et al.			
	AIIIIII	6398331	06/04/02	Asaka et al.			
	AJJJJJJ	6412925	07/02/02	Takahashi			
	AKKKKKK	6416149	07/09/02	Takahashi			
	ALLLLL	6419337	07/16/02	Sayama			
	MMMMMM	6419339	07/16/02	Takahashi			
	ANNNNNN	6428134	08/06/02	Clark et al.			
	AOOOOOO	6428135	08/06/02	Lubinsky et al.			
	APPPPPP	6428138	08/06/02	Asauchi et al.			
	AQQQQQQ	6431675	08/13/02	Chang			
	ARRRRRJ	6431676	08/13/02	Asauchi et al.			
	ASSSSSS	6435666	08/20/02	Trauernicht et al.			
	ATTTTTT	6443547	09/03/02	Takahashi et al.			
	AUUUUUU	6450602	09/17/02	Lubinsky et al.			
	AVVVVVV	6450603	09/17/02	Chang			
	WWWWWW	6460959	10/08/02	Momose et al.			
	AXXXXXX	6460960	10/08/02	Mitsuhashi			
	YYYYYYY	6464315	10/15/02	Otokita et al.			
	AZZZZZ2	6467865	10/22/02	Iwamura et al.			
	AAAAAAA	6474762	11/05/02	Taki et al.			
	BBBBBBB	6474781	11/05/02	Jeanmaire			
	CCCCCCC	6478395	11/12/02	Tanaka et al.			
	DDDDDDD	6485133	11/26/02	Teramac et al.			
	EEEEEEE	6488349	12/03/02	Matsuo et al.			
	AFFFFFF	6494554	12/17/02	Horii et al.			

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	GGGGGC	6494555	12/17/02	Ishikawa			
	HHHHHH	6494556	12/17/02	Sayama et al.			
	AIIIIII	6499820	12/31/02	Taki			
	AJJJJJJ	6502914	01/07/03	Hosono et al.			
	KKKKKK	6504701	01/07/03	Takamura et al.			
	ALLLLL	6513894	02/04/03	Chen et al.			
	IMMMMI	6517176	02/11/03	Chaug			
	NNNNNN	6517267	02/11/03	Otsuki			
	OOOOOC	6523923	02/25/03	Sekiguchi			
	APPPPPP	6527354	03/04/03	Takahashi			
	QQQQQC	6527357	03/04/03	Sharma et al.			
	RRRRRR	6533378	03/18/03	Ishikawa			
	ASSSSSS	6540338	04/01/03	Takahashi et al.			
	ATTTTTT	6561614	05/13/03	Therien et al.			
	UUUUUU	6572210	06/03/03	Chaug			
	VVVVVV	6575544	06/10/03	Iriguchi			
	WWWWW	6582043	06/24/03	Ishizaki			
	XXXXXX	6595620	07/22/03	Kubota et al.			
	YYYYYY	6655795	12/02/03	Wachtel			
	AZZZZZZ	6685293	02/03/04	Junhua			
	AAAAAA	6779866	08/24/04	Junhua et al.			

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